

Figure 1A

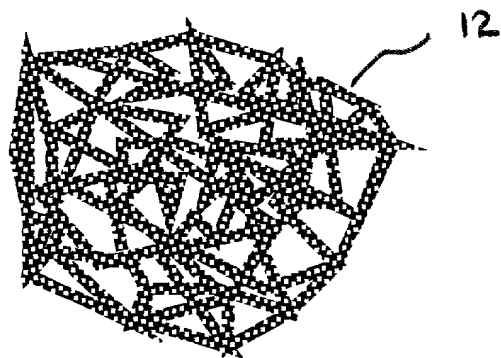


Figure 1B

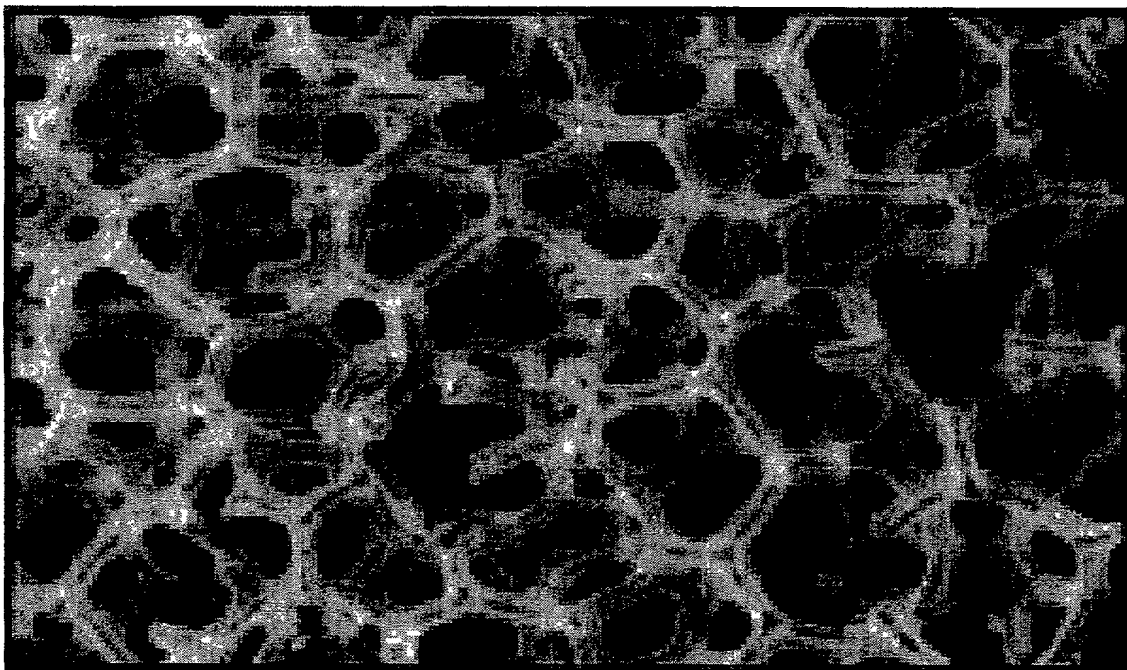


Figure 2A

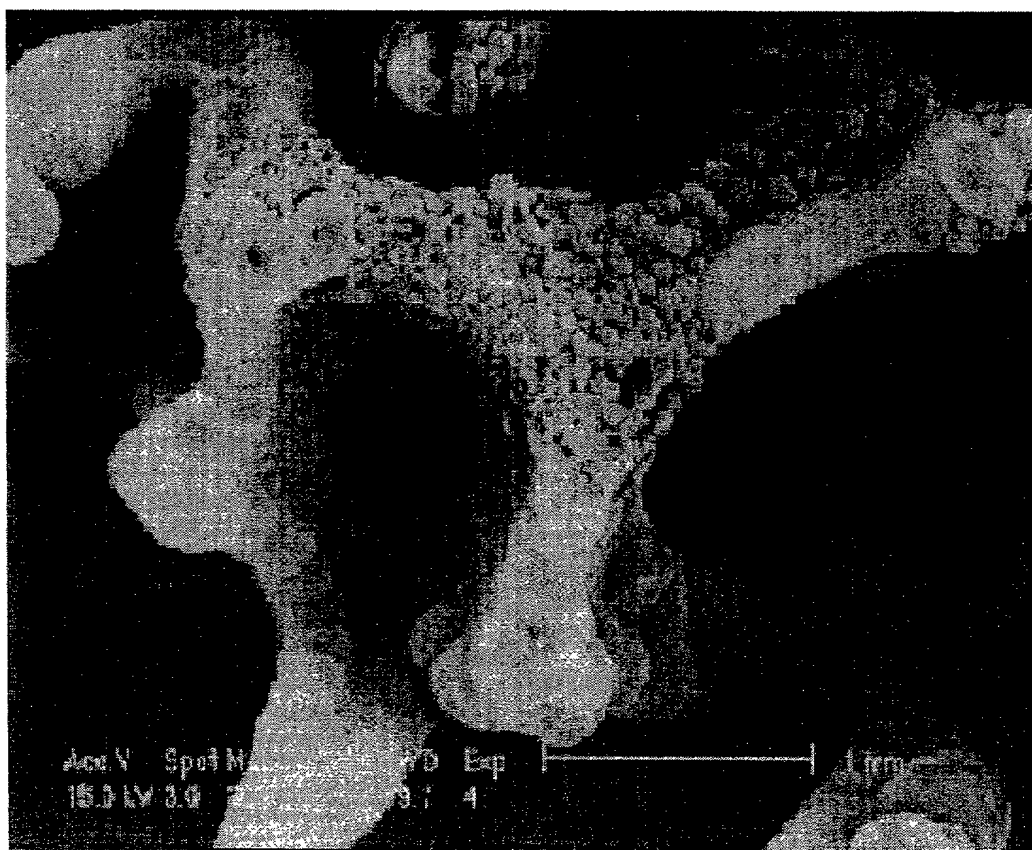


Figure 2B



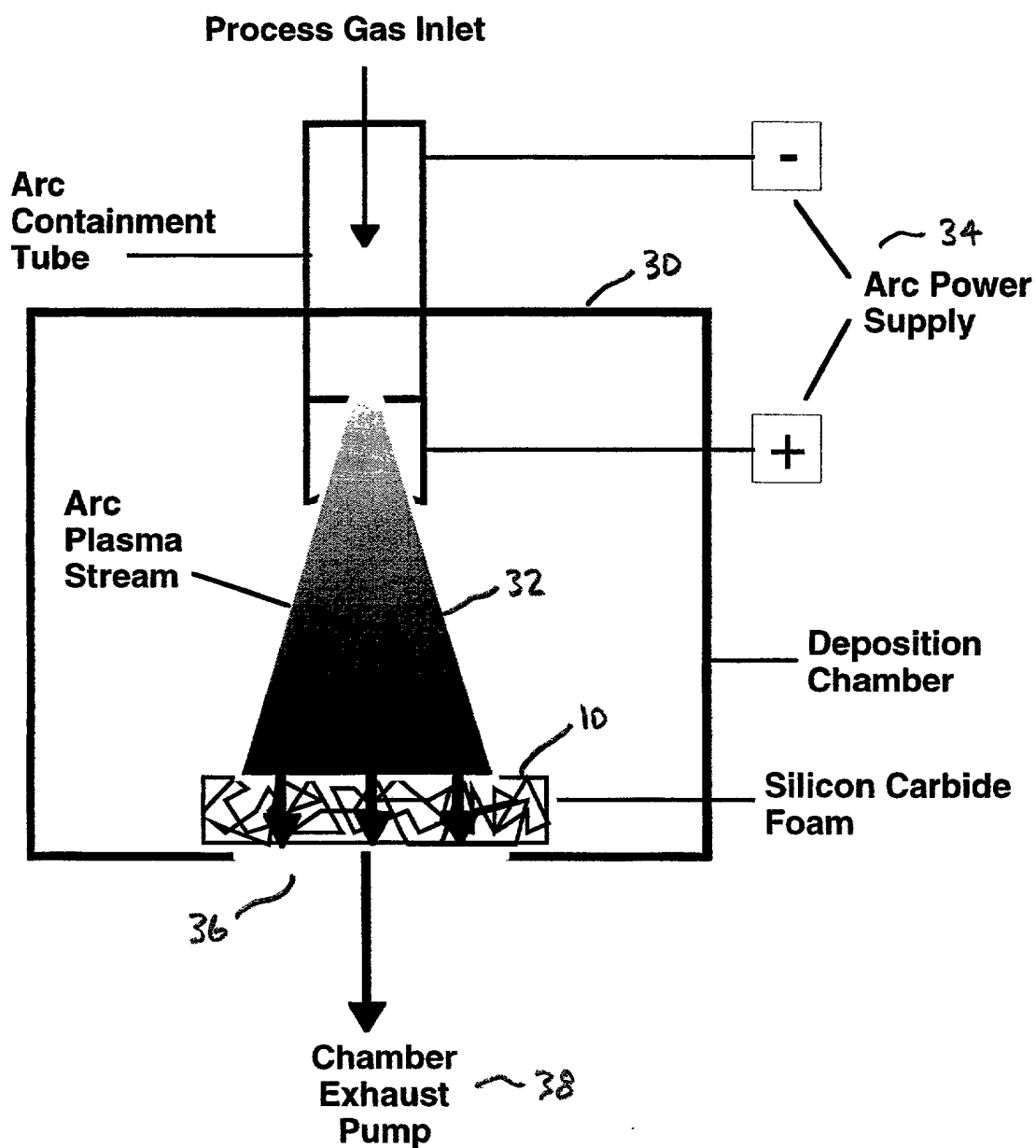
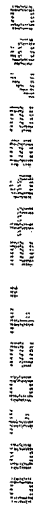


Figure 4

[illegible]

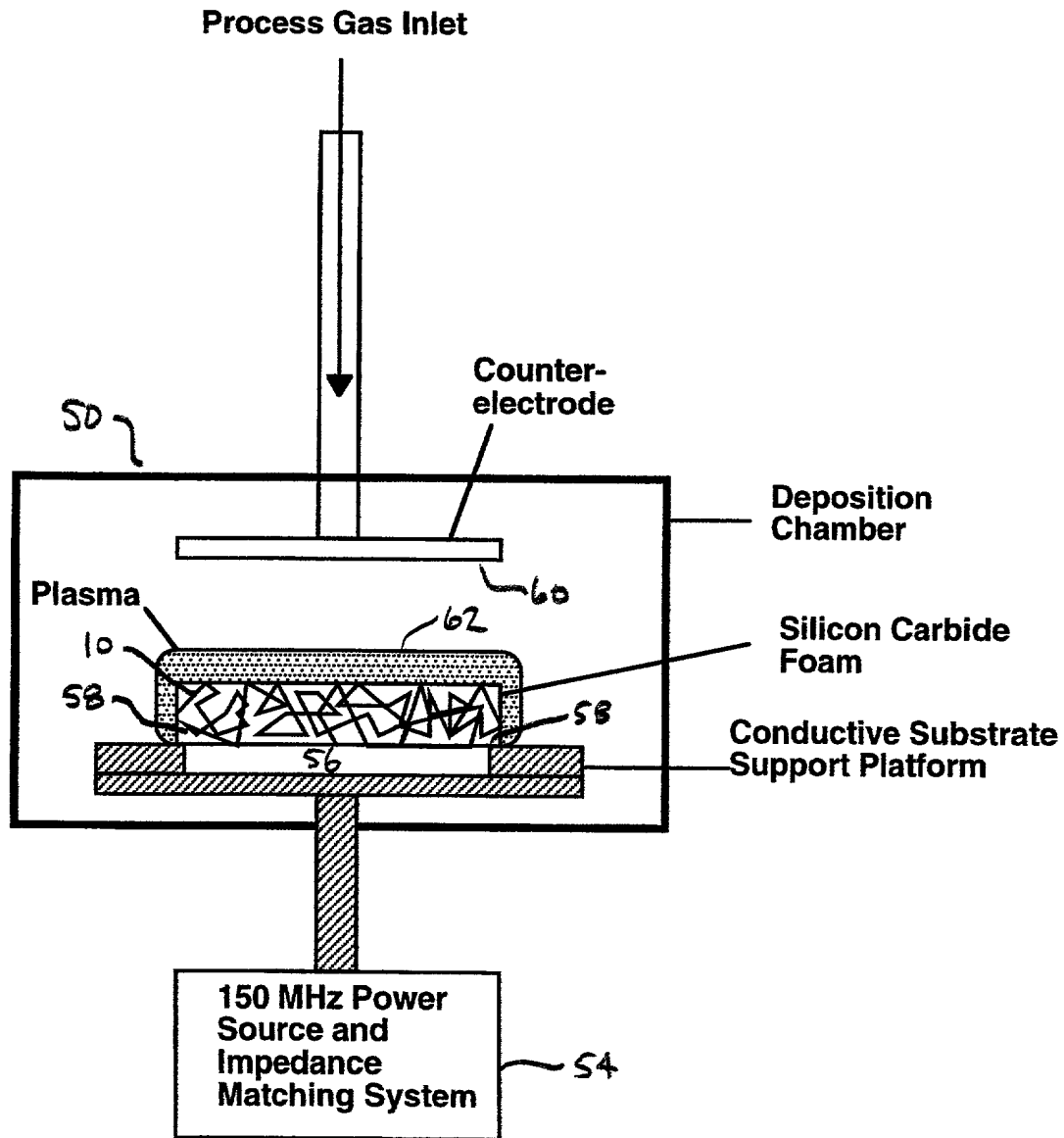


Figure 6

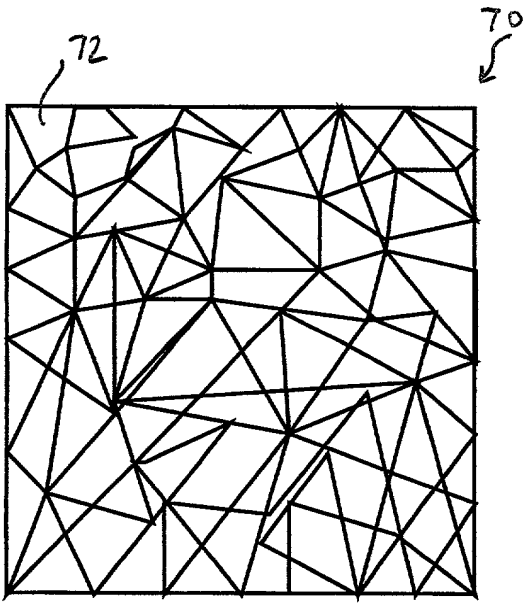


Figure 7A

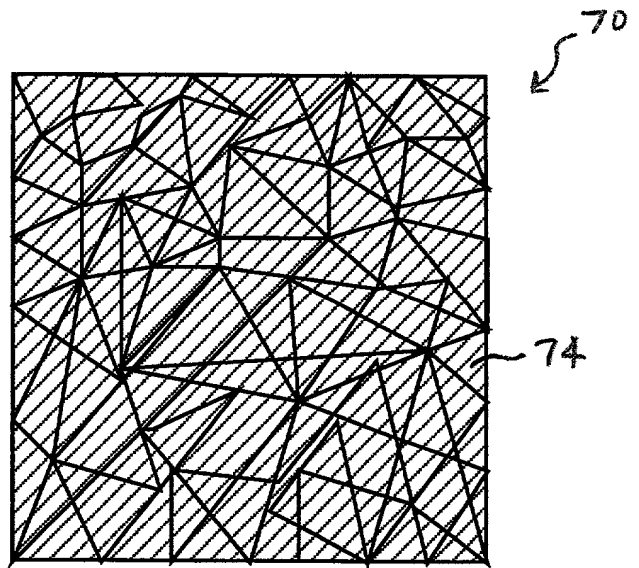


Figure 7C

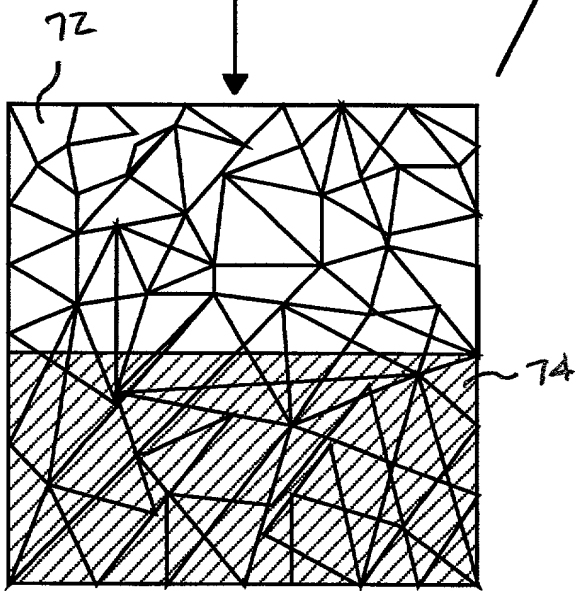


Figure 7B

Partial and Complete Infiltration

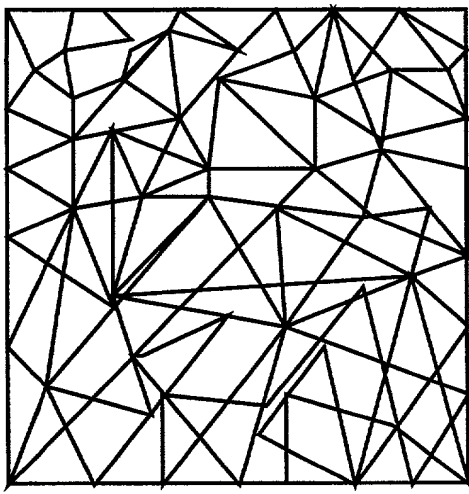


Figure 8A

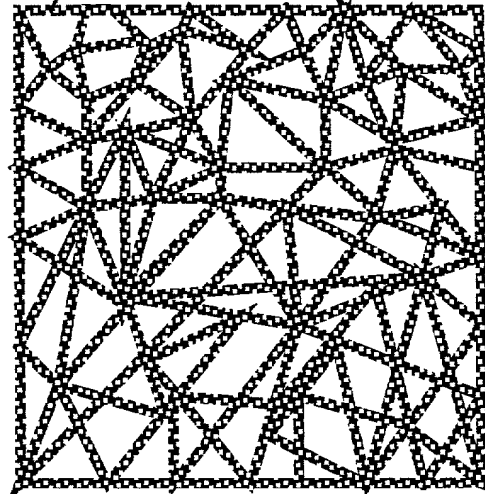


Figure 8C

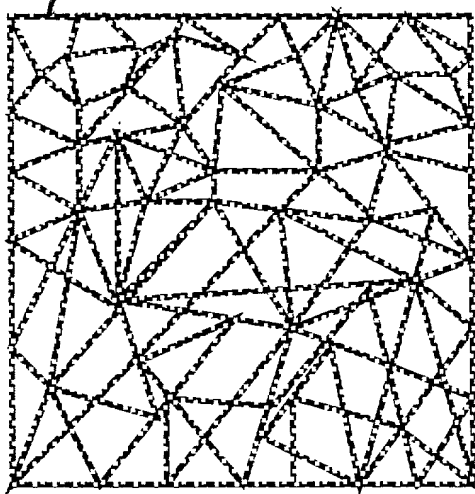


Figure 8B

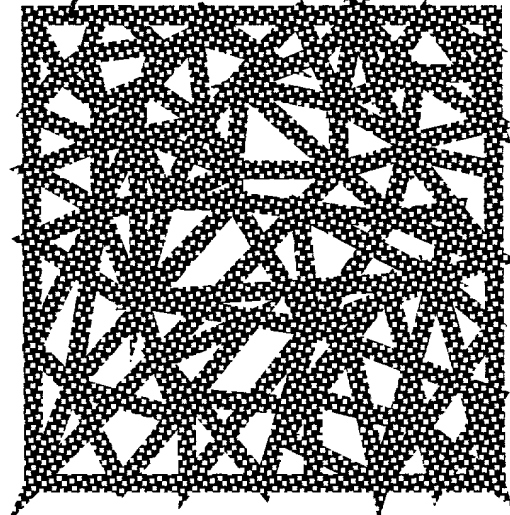
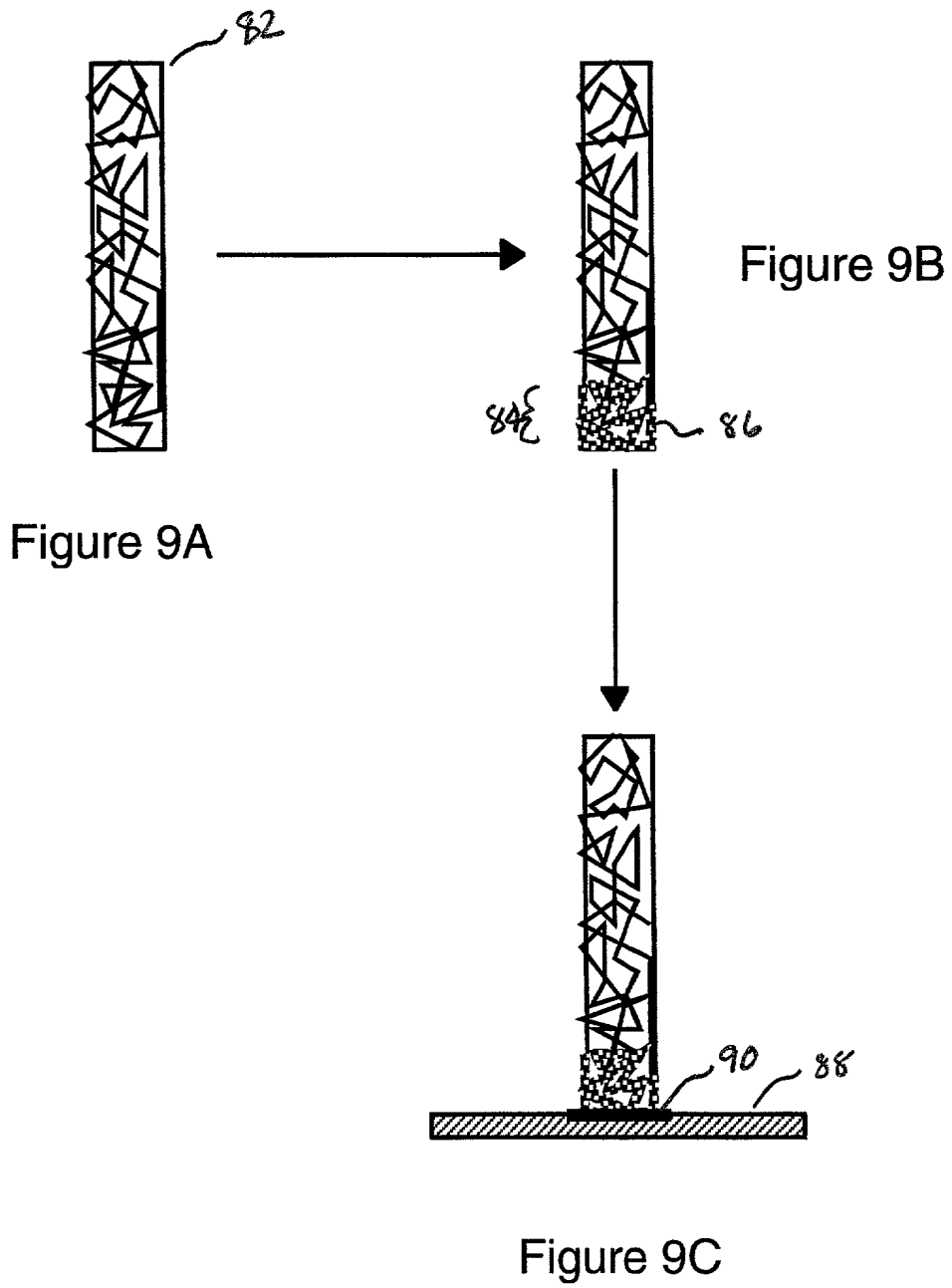


Figure 8D

Dip Coating

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Soldering Diamond Foam to Additional Materials

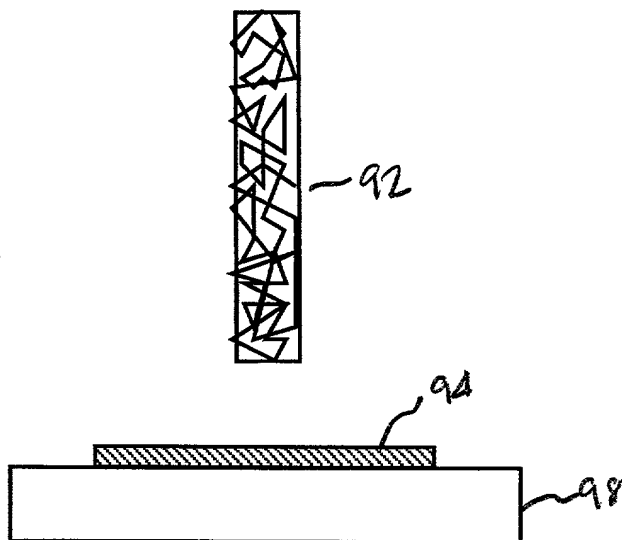


Figure 10A

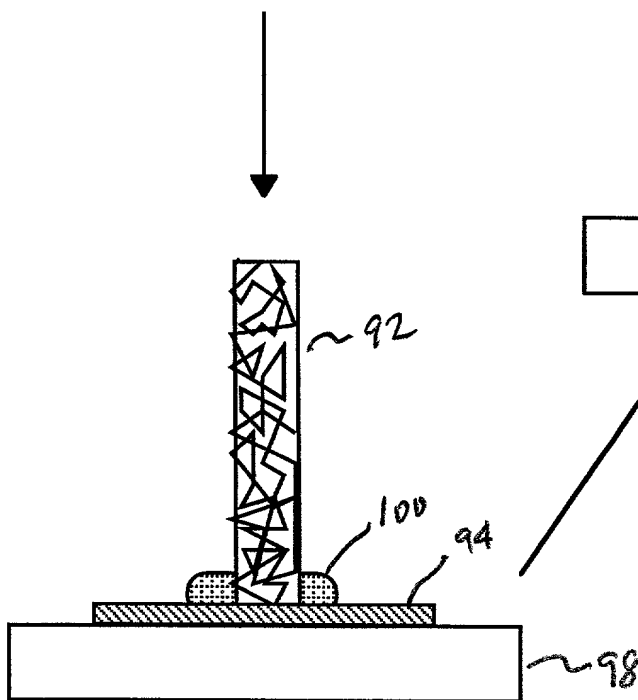


Figure 10B

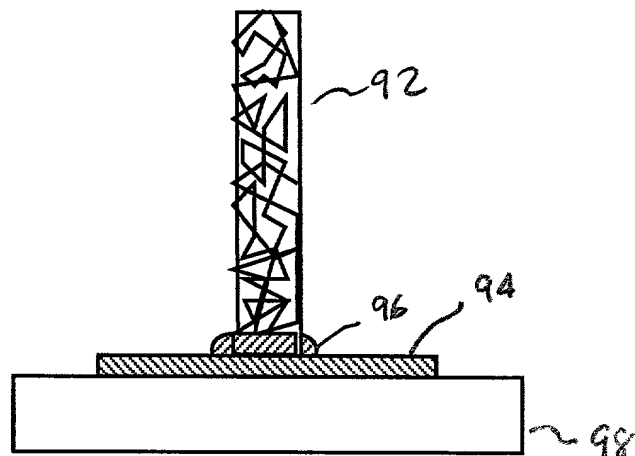


Figure 10C

Joining Diamond Foam to Diamond Film
by Diamond Deposition